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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

07/30/2003

JOSEPH A WALKOWSKI TRASK BRITT & ROSSA P O BOX 2550 SALT LAKE CITY, UT 84110 EXAMINER

GRAYBILL, DAVID E

ART UNIT CLASS-SUBCLASS

257-737000

2827

DATE MAILED: 07/30/2003

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/295,709 | 04/21/1999 | TONGBI JIANG | 2911.1US | 7506 |

TITLE OF INVENTION: GRAVITATIONALLY-ASSISTED CONTROL OF SPREAD OF VISCOUS MATERIAL APPLIED TO SEMICONDUCTOR ASSEMBLY COMPONENTS

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1300 | \$300 | \$1600 | 10/30/2003 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

 Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
Alexandria, Virginia 22313-1450

<u>Fax</u> (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent advance orders and notification of maintenance fees will be mailed to the current correspondence address as

| maintenance fee notification | | ise in Block 1, by (a) sp | ecitying a new co | orrespondence addr | ess; and/or (b) indicating a sep- | arate "FEE ADDRESS" for |
|--|--|---|---|--|--|---|
| JOSEPH A WAL | TE ADDRESS (Note: Legibly mar) 590 07/30/2003 LKOWSKI | | Block 1) | Fee(s) Transmit | te of mailing can only be used fo tal. This certificate cannot apers. Each additional paper, must have its own certificate of r | be used for any other |
| TRASK BRITT & ROSSA P O BOX 2550 SALT LAKE CITY, UT 84110 | | | | I hereby certify United States Pos envelope address | Certificate of Mailing or Tran that this Fee(s) Transmittal is stal Service with sufficient posta ed to the Box Issue Fee address USPTO, on the date indicated b | being deposited with the age for first class mail in an above, or being facsimile |
| | | | | | | (Depositor's name) |
| | | | | | | (Signature) |
| | | | | | | (Date) |
| APPLICATION NO. | FILING DATE | FIRS | ST NAMED INVEN | TOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 09/295,709 | 04/21/1999 | | TONGBI JIANG | | 2911.1US | 7506 |
| TITLE OF INVENTION: ASSEMBLY COMPONEN | | ASSISTED CONTROL | L OF SPREAD | OF VISCOUS N | MATERIAL APPLIED TO SI | EMICONDUCTOR |
| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBL | CATION FEE | TOTAL FEE(S) DUE | DATE DUE |
| nonprovisional | NO | \$1300 | | \$300 | \$1600 | 10/30/2003 |
| EXAMI | NER | ART UNIT | CLASS-SUBCI | ASS | | |
| GRAYBILL, | DAVID E | 2827 | 257-73700 | | | |
| Address form PTO/SB/1: "Fee Address" indicati PTO/SB/47; Rev 03-02 of Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless a | on (or "Fee Address" Indior more recent) attached. In the property of the DATA TO an assignce is identified be to the USPTO or is being E | cation form Use of a Customer BE PRINTED ON THE clow, no assignee data w submitted under separate (B) RE | or agents OR, single firm (ha attorney or age registered paten is listed, no nam PATENT (print o ill appear on the prover. Completic SIDENCE: (CITY | oatent. Inclusion of n of this form is NO and STATE OR C | the name of a aregistered as of up to 2 atts. If no name 3assignee data is only appropriat OT a substitute for filing an assignee assignee data is only appropriate. | gnment. |
| 4a. The following fee(s) are | | | ment of Fee(s): | - Individual | Corporation of outer private gr | loup entity a government |
| ☐ Issue Fee | | □ A ch | eck in the amount | of the fee(s) is enc | losed. | |
| ☐ Publication Fee | | □ Payr | ment by credit care | i. Form PTO-2038 | is attached. | |
| ☐ Advance Order - # of C | opies | ⊔ The Deposi | Commissioner is la t Account Number | hereby authorized b | y charge the required fee(s), or o (enclose an extra copy of this | credit any overpayment, to |
| Commissioner for Patents is | requested to apply the Iss | | | | sly paid issue fee to the applicati | |
| (Authorized Signature) | | (Date) | | | | |
| NOTE; The Issue Fee and other than the applicant; interest as shown by the retained that the collection of information obtain or retain a benefit application. Confidentiality estimated to take 12 minutes completed application for case. Any comments on suggestions for reducing the patent and Trademark (22313-1450, DO NOT SEED TRADE TO CONTROL TO THE PROPERTY OF THE | a registered attorney or a cords of the United States tition is required by 37 CF by the public which is to be its governed by 35 U.S.C less to complete, including me to the USPTO. Time to the amount of time you his burden, should be sen of the U.S. Department of the U.S. Department of the COMPI | agent; or the assignee of Patent and Trademark Of R 1.311. The information file (and by the USPTC) 122 and 37 CFR 1.14. It gathering, preparing, and arequire to complete that to the Chief Informatic of Commerce, Alexa LTED FORMS TO THE | on is required to to process) an infinite collection is d submitting the notice the individual pis form and/or | | | |
| SEND TO: Commissioner Under the Paperwork Recollection of information un | for l'atents. Alexandria, V | irginia 22313-1450. | | | | |



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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS PO Box 1450 Alexandry, Vignnia 22313-1450 www.nappo.gov

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| 09/295,709 04/21/1999 | | TONGBI ЛАNG | 2911.1US | 7506 |
| 75 | 90 07/30/2003 | | EXAMINER | |
| JOSEPH A WALKOWSKI | | GRAYBILL, DAVID E | | |
| TRASK BRITT & 1 P O BOX 2550 | ROSSA | | ART UNIT | PAPER NUMBER |
| SALT LAKE CITY | , UT 84110 | | 2827 | |
| | | | DATE MAILED: 07/30/2003 | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 0 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 0 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



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| JOSEPH A WALKOWSKI | | GRAYBILL, DAVID E | | |
| TRASK BRITT & 1 P O BOX 2550 | KUSSA | | ART UNIT | PAPER NUMBER |
| SALT LAKE CITY | Y, UT 84110 | | 2 K 2 7 | |
| | | | DATE MAILED: 07/30/2003 | |

Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Duc" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: http://www.uspto.gov/main/howtofees.htm.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.